



TE AROHA COLLEGE

Course Selection Guide

Year 11

NCEA Level 1

2025

Te Aroha College Graduate Profile



Students of Te Aroha College are our future, they will be confident, connected, well rounded and have a clear future direction. They will have pride, purpose and flexibility. They will seek excellence and excel locally, nationally and internationally in their chosen strengths. They will be culturally aware and demonstrate tolerance, respect and understanding and will go out into the world and sustainably take responsibility for themselves and those who rely on them.

Choosing your Level 1 NCEA Course deserves careful thought and consideration. Our aim is to provide you with subjects you are interested in, which will benefit you in future years, and support your chosen career and employment or lead you to further academic study.

This Course Selection Guide provides you with outlines for Level 1 NCEA courses which will probably be offered through timetabled classes in 2025. Courses will only go ahead with sufficient numbers; others can be taken through the Te Kura Correspondence School.

Every student must complete Preliminary Course Selection by Friday 6 September:

- ◇ **Online using the website – <https://tearoha.schoolpoint.co.nz>**
- ◇ **The Link is also on school website: <https://tearoha.school.nz>**
- ◇ **Students sign in with student username and password**
- ◇ **Those without internet access should complete at school**

Students will be given allocated school time on Monday 9 September if not already completed.

Students' Course Selections will be finalised in consultation with their Dean.

Year 11 Students in 2025 take six subjects in total

- You must take compulsory English at Level 1
- You must take compulsory Maths at Level 1
- You must take one of the compulsory Sciences at Level 1
- Choose three additional subjects

Before you select your subjects there is important information you need to know:

Types of Assessments

At Level 1 there are three types of assessments.

- Internal assessments are sat in class. The due date is set by the classroom teacher. The work is marked by the classroom teacher. Work submitted after the due date may only be accepted if strict criteria are met.
- Common Assessment Activities are sat in class within an allocated assessment time frame. These are usually over a few days, or a week. They also include Portfolios such as Art or Technology, which are completed over a Term. The dates to submit work are set by NZQA. There is no opportunity for assessments to be completed at another time. The work is forwarded to NZQA and marked by NZQA.
- External Exams are sat at the end of the year. Exam dates are set by NZQA. Should the student be unable to attend the exam due to emergency, the student may apply to NZQA for a Derived Grade if they have completed a Practice exam.

Literacy and Numeracy Corequisites

The Literacy and Numeracy Corequisites are usually offered in Year 10 but may be attempted at any year.

There are two assessment opportunities each year which are sat on-line under exam conditions.

All three unit standards must be achieved before Level 1, Level 2 or Level 3 NCEA Certificates are awarded.

- Literacy Co-requisites
 - Reading 5 credits
 - Writing 5 credits
- Numeracy Co-requisites
 - Numeracy 10 credits

In some cases, credits from Transitional Standards may apply.

Excellence and Merit Endorsements

Students must gain 50 Achievement Standard credits at Merit or Excellence level to receive an overall Certificate Endorsement.

Students must gain at least 14 credits at Merit or Excellence, including at least 3 credits from internal and external assessments to receive a Course Endorsement.

Te Aho o Te Kura Pounamu - Correspondence School

Students wishing to take a subject not currently being offered, or if there are insufficient numbers to form a class, may complete a dual enrolment with the Correspondence School, *Te Aho o Te Kura Pounamu*, at no cost. Please contact Ms Scott (rscott@tacol.nz) to discuss this option. Only students with a demonstrated independent work ethic are considered.

Vocational Pathways and Course Selection

National career indicators are clearly advising that future job markets are rapidly evolving, and students need to be immersed in a culture of adaptability when career planning.

The Vocational Pathways structure is designed to link secondary education to tertiary study in a rapidly changing work environment. Vocational Pathways helps you to see how your strengths and achievements relate to future study options and job opportunities. The pathways provide clear indication of where a subject fits into the real world, and what is valued by employers.

The pathways cover six broad industry sectors:

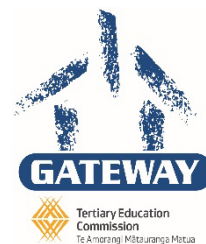
- Manufacturing and technology
- Construction and infrastructure
- Creative industries
- Primary industries
- Social and community services
- Services industries



When you are selecting your courses you should consider how the subject programmes relate to your intended vocational pathway.

Gateway / Work Readiness Programme

The Gateway team offers a cohesive strategy for supporting our students to make considered career choices. Gateway is offered to Year 12 and 13 students as a vocational pathway into the workforce. The Gateway programme consists of:



- a work experience placement
- the completion of 20 credits in class (in Gateway class or another industry-relevant class)
- additional specialist courses

Please note: Students can take a Gateway placement without enrolling in a timetabled Gateway Support class.

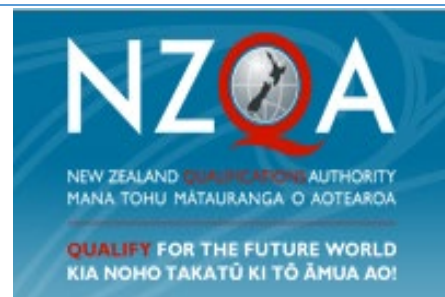
Gateway and work experience placements, as well as relevant units of work, are organised by the Gateway co-ordinator Ms Sarah Verran-Tye (sverran-tye@tacol.nz).

During the year, courses are offered to Gateway students as a priority, and then to all Year 12 and 13 students if places are available. These may include:

- First Aid
- Health and Safety
- Leadership
- Security
- Scaffolding
- Drivers' Licences
- Forklift operation and licences

Special Assessment Conditions or SAC

NZQA recognises that some students have learning or medical needs which require Special Assessment Conditions (SAC) during NZQA assessments.



This can provide students with a reader or writer, use of a computer, a separate room, additional time, rest breaks, Braille paper or large print. SACs apply to internal assessments sat during the year, Common Assessment Activities and External Exams at the end of the year.

For example, a student with dyslexia could be provided with assistance to read the exam questions, write down answers, or a computer to type answers. A student with anxiety, ADHD, epilepsy or diabetes could sit their exam in a separate room and have rest breaks.

NZQA requires Te Aroha College to complete an application or notification process on behalf of students. This can be made at any time of the year, as need arises. Once granted, the Special Assessment Condition(s) apply for that academic year. The Special Assessment Conditions may roll over to the following year, if the circumstances for the student have not changed.

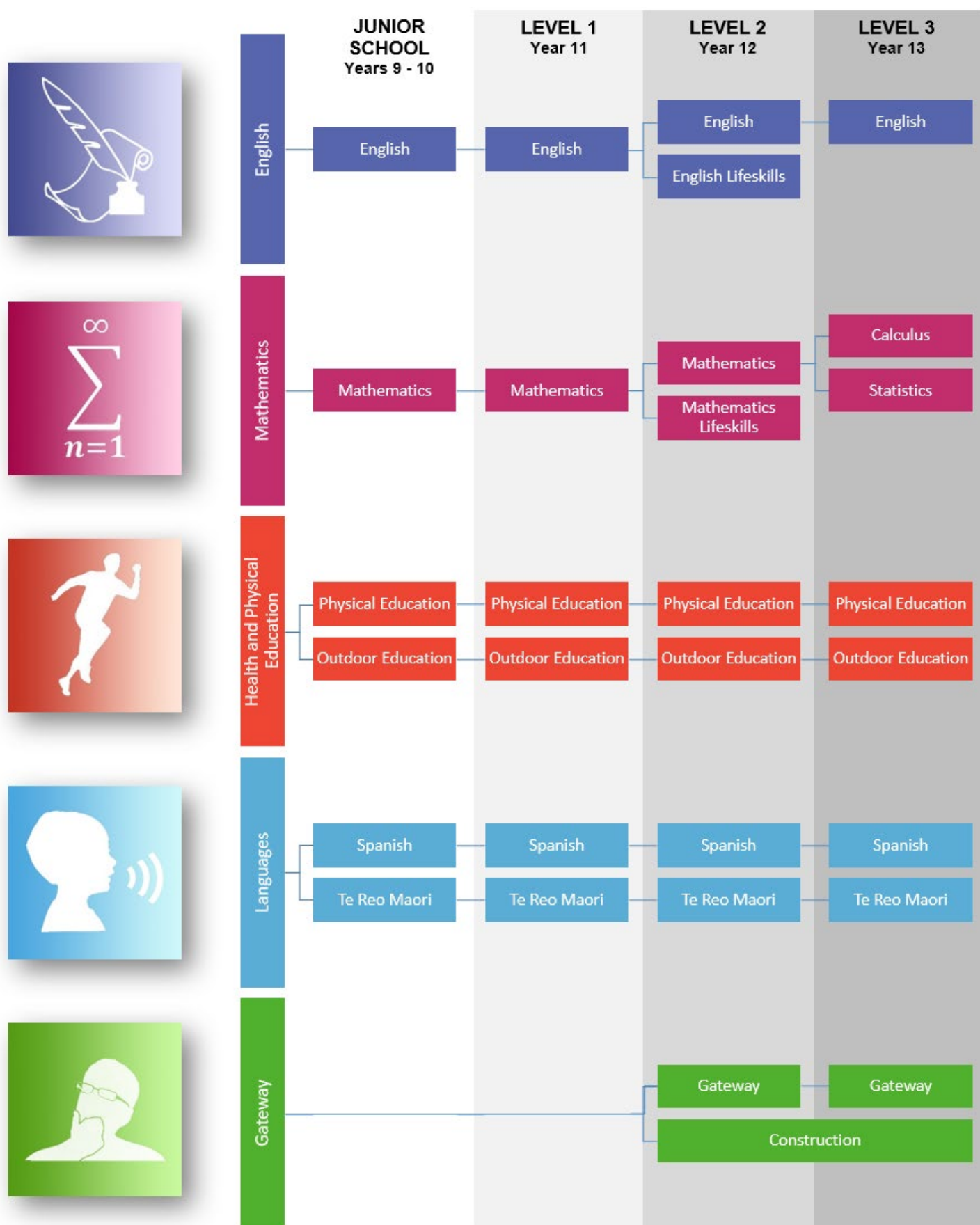
If you would like to know more about obtaining SAC for your child, please contact Rachel Scott (rscott@tacol.nz), Principal's Nominee for NZQA, in the first instance. From there you may be referred to other staff members for assistance.

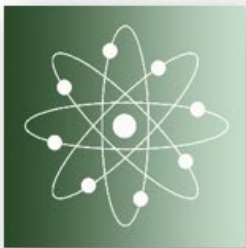
SACs do not cover students who have a sudden illness or injury, for example a broken arm just before exams. This is covered by the Derived Grade and Practice Exam process.

This link takes you to NZQA's SAC information <https://www.nzqa.govt.nz/providers-partners/assessment-and-moderation-of-standards/managing-national-assessment-in-schools/special-assessment-conditions/>

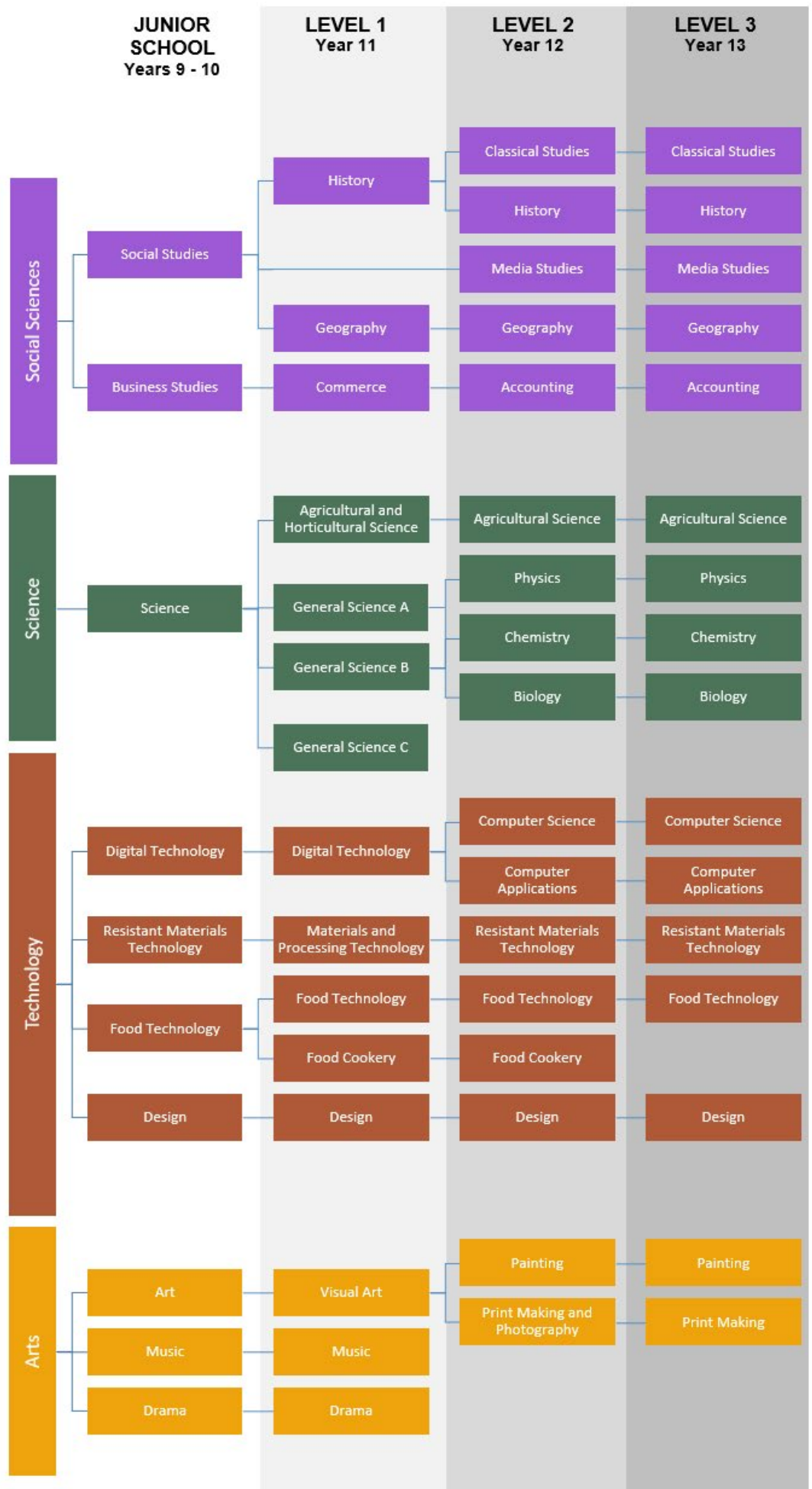
Subject Map

This Subject Map will help you chart your subject selections from Year 9 to Year 13.





JUNIOR SCHOOL
Years 9 - 10



The following three subjects are compulsory:

ENGLISH, MATHS, SCIENCE

Select English **AND** Maths

Select ONE General Science - A, B, C **OR** Agriculture & Horticulture

Course Title **English L1**
Pre-Requisites Successful completion of Year 10 English
Course Costs \$20 for Course Book

Std No	Standard Title	Type of Assessment	Credits
91924	Demonstrate understanding of how context shapes verbal language use.	Internally Assessed	5
91925	Demonstrate understanding of specific aspects of studied text	Internally assessed	5
91926	Develop ideas in writing using stylistic and written conventions	Common Assessment Activity	5
91927	Demonstrate understanding of significant aspects of unfamiliar texts	External Exam	5

Course Highlights: Developing critical thinking and writing skills and applying these to written texts, visual texts and film. Creating your own writing and static images. This course supports all areas where literacy is important. Students will be placed in the most appropriate English class depending on their achievements in Years 9 and 10. Students who have not yet gained their literacy credits will be provided the opportunity to gain their Level 1 Literacy when the Common Assessment Activities are held.

Vocational Pathway: Manufacturing and Technology, Construction and Infrastructure, Creative Industries, Primary Industries, Social and Community Services, Services Industries.

This course can lead to: increasing competency in literacy, increasing enjoyment of reading, writing and speaking. Leads to academic courses in Years 12 and 13, depending on achievement.

For more information, please see the Head of English, Ms Scott or your Year 10 English teacher.

Course Title: Mathematics L1

Pre-Requisites None

Course Costs \$30

Std No	Standard Title	Type of Assessment	Credits
91944	Explore data using a statistical enquiry process	Internally assessed	5
91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific	Internally assessed	5
91946	Interpret and apply mathematical and statistical information in context	Common Assessment Activity	5
91947	Demonstrate mathematical reasoning	External Exam	5

Course Highlights: The Year 11 Mathematics course will provide an opportunity for students to gain up to 20 credits towards their Level 1 NCEA certificate. Students will be placed into mathematics classes based upon their results at Year 10. Students who have not yet gained their numeracy credits will be provided the opportunity to gain their Level 1 Numeracy when the Common Assessment Activities are held.

Vocational Pathway: Creative industries, Primary industries, Social and Community Services, Services industries, Manufacturing and Technology, Construction and Infrastructure.

This course can lead to: Year 12 Mathematics.

For more information, please see Head of Maths, Mr Darby.

Science at Level 1 splits into four courses:

General Science A Students who plan to take Physics, Chemistry and/or Biology at Levels 2 and 3 and who have attained an average of at least 5 Proficient on their Year 10 assessments should select **General Science A**.

General Science B Students who are undecided about taking Physics, Chemistry and/or Biology at Level 2 but have enjoyed Science and want to keep their options open should select **General Science B**.

General Science C Students who are not intending to study Science beyond Level 1 should select **General Science C**.

Agriculture & Horticulture

Students considering taking Agriculture & Horticulture at Levels 2 and 3 should select **Agricultural & Horticulture**.

For more information, please see Head of Science Mr Kurian, or your Year 10 Science Teacher

Course Title **General Science A L1**
Pre-Requisites At least level 5P average in Year 10 Science
Course Costs Workbooks approximately \$25

Std No	Standard Title	Type of Assessment	Credits
92045	Demonstrate understanding of a physical phenomenon through investigation	Internally assessed	5
92020	Demonstrate understanding of the relationship between a microorganism and the environment	Internally assessed	5
92023	Demonstrate understanding of how the physical properties of materials inform their use	External Exam	4

Course Highlights: A combination of 3 standards from all the Science disciplines gives students a good understanding of Science. This class leads to the study of individual Science subjects at Year 12. **General Science A** focuses on the requirements of Level 2 Science and must be taken by students who are considering taking Physics, Chemistry or Biology in Year 12.

Vocational Pathway: Primary industries, Social and Community Services, Services industries, Manufacturing and Technology, Construction and Infrastructure.

This course can lead to: Year 12 studies in any combination of Physics, Chemistry & Biology.

Course Title **General Science B L1**
Pre-Requisites Year 10 Science
Course Costs Workbooks approximately \$25

Std No	Standard Title	Type of Assessment	Credits
92045	Demonstrate understanding of a physical phenomenon through investigation	Internally assessed	5
92021	Demonstrate understanding of chemical reactions in context	Internally assessed	6
92022	Demonstrate understanding of genetic variation in relation to an identified characteristic	Common Assessment Activity	5

Course Highlights: A mixture of core Science topics that will be helpful for students thinking of taking Sciences at Level 2.

Vocational Pathway: Primary industries, Social and Community Services, Services industries, Manufacturing and Technology, Construction and Infrastructure.

This course can lead to: Year 12 studies in any combination of Physics, Chemistry & Biology.

Course Title **General Science C L1**
Pre-Requisites Year 10 Science
Course Costs Workbooks approximately \$25

Std No	Standard Title	Type of Assessment	Credits
91920	Demonstrate understanding of a science-informed response to a local issue	Internally assessed	5
91921	Demonstrate understanding of the use of a range of scientific investigative approaches in a context	Internally assessed	5
91922	Describe features of science that have contributed to the development of a science idea in a local context	Common Assessment Activity	5

Course Highlights: A mixture of core Science topics for students who do not wish to take Science beyond Level 1.

Vocational Pathway: Primary industries, Social and Community Services, Services industries, Manufacturing and Technology, Construction and Infrastructure.

This course can lead to: A better understanding of Science and studies in areas other than Science.

Course Title **Agricultural and Horticultural Science L1**

Pre-Requisites Year 10 Science

Course Costs \$30

Std No	Standard Title	Type of Assessment	Credits
91928	Demonstrate understanding of a life process and how it is managed in a primary production system	Internally assessed	5
91929	Demonstrate understanding of factors that influence life purpose and location of primary production	Internally assessed	5
US21027	Plant and maintain displays of bedding plants.	Internally assessed	10

Course Highlights: Gaining knowledge of plants and their cultivation with a biological context. Gaining knowledge of farm animal biology and associated reproductive, health and social issues.

Vocational Pathway: Primary industries, Biological Sciences.

This course can lead to: Year 12 studies in Agriculture and Horticulture, livestock management, primary industries, horticultural industries, vocational biology, and science courses.

For more information, please see Head of Science Mr J Kurian, Teacher in Charge of Agriculture, Mr Popoola, or your Year 10 Science teacher.

THE FOLLOWING COURSES ARE OPTIONAL

STUDENTS SHOULD SELECT THREE

COMMERCE

Course Title	Commerce L1
Pre-Requisites	None
Course Costs	\$20 workbook

Std No	Standard Title	Type of Assessment	Credits
92028	Demonstrate understanding of an organisation's financial decision making	Internally assessed	5
92029	Demonstrate understanding of price determination for an organisation	Internally assessed	5
92031	Demonstrate understanding of how an organisation's financial viability is affected by an event	Common Assessment Activity	5
92030	Demonstrate understanding of how interdependent relationships are affected by an event	External Exam	5

Course Highlights: Commerce is the use and exploration of accounting, economic, and business studies concepts and models to make sense of society and solve problems. In this subject, students will build knowledge, skills, and values they need to know to navigate, and participate in the economic world. They will learn how participants in the economic world make decisions and will analyse how these decisions impact sustainability.

Students will have the opportunity to gain up to 20 credits in this course.

Vocational Pathway: Creative industries, Primary industries, Social and Community Services, Services industries.

This course can lead to: Level 2 Accounting.

For more information, please see Teacher in Charge of Commerce, Mr S Darby, or your Year 10 Business Studies teacher.

ARTS

VISUAL ART, DRAMA, MUSIC

Course Title	Visual Art L1
Pre-Requisites	Year 10 Art or approval from HOD
Course Costs	\$80 equipment & materials fee, \$30 for possible Art Trip (tbc)

Std No	Standard Title	Type of Assessment	Credits
91912	Use practice-based visual inquiry to explore Aotearoa New Zealand's Māori context and another cultural context.	Internally assessed	5
91914	Explore Visual Arts processes and conventions to inform own art making	Common Assessment Activity	5
91915	Create a sustained body of related artworks in response to an art making proposition	Common Assessment Activity	5

Course Highlights: Explore your personal creative identity using hands-on drawing, painting and printmaking. The Waihou Awa will provide the context for our visual inquiry, the starting point for your own Year 11 artistic journey.

Vocational Pathway: Creative Industries.

This course can lead to: Level 2 Painting or Photo/Print. Exciting creative careers such as Artist, Illustrator, Photographer, Gallery Owner, Architect, Fashion Designer, Interior Designer, Film Director, Film or TV Production, Advertising Designer, Media Designer, Art Teacher, Art Therapist.

For more information, please see Teacher in Charge of Visual Arts, Ms Baylis.

Course Title **Drama L1****Pre-Requisites**

Students need to be able to manage themselves and relate to others well. It would be helpful if students enjoyed Year 10 Drama. Students will have to write reflections about their own and other "live" performances. They will create Drama on stage over three topics.

Course Costs (tbc)

Std No	Standard Title	Type of Assessment	Credits
91940	Explore the functions of theatre Aotearoa	Internally assessed	5
91941	Participate in creative strategies to create a drama	Internally assessed	5
91942	Use drama techniques to perform a scripted role for an audience	Common Assessment Activity	5

Course Highlights: Acting for classmates, costume and make up, props and set. Learning about New Zealand values and way of life through theatre.

Vocational Pathway: Creative Industries.

This course can lead to: a career in performance, stage technologies, costume and prop creation, film, TV, journalism, marketing, Communications and Public Relations, teaching, Police, social work, politics, law.

For more information please see Teacher in Charge of Drama, Mrs Valencia.

Course Title: Music L1

Pre-Requisites: A demonstrated interest and ability in music as well as an independent work ethic

Course Costs: Nil

NCEA Music is only offered through the Correspondence School, *Te Aho o Te Kura Pounamu*.

An individual programme will be arranged for you which may include practical and theory based NCEA assessments.

Std No	Standard Title	Type of Assessment	Credits
91948	Use music skills in a music style	Internally assessed	5
91949	Demonstrate performance skills	Internally assessed	5
91950	Demonstrate understanding of music in relation to contexts	Common Assessment Activity	5
91951	Shape music ideas to create an original composition	Common Assessment Activity	5

Vocational Pathway: Creative Industries.

For more information, please see Teacher in Charge of Music, Mrs Pipe or Ms Scott.

OUTDOOR EDUCATION, PHYSICAL EDUCATION

OUTDOOR EDUCATION, PHYSICAL EDUCATION

Course Title: Physical Education L1

Pre-Requisites: HoD Approval

Course Costs: \$30

Std No	Standard Title	Type of Assessment	Credits
92016	Apply movement strategies in an applied setting	Internally assessed	5
92017	Demonstrate understanding of how Kotahitanga is promoted in movement through the application of strategies	Internally assessed	5
92018	Demonstrate understanding of the influence of a personal movement experience on hauora	Common Assessment Activity	5

Course Highlights: Physical Education covers the topics of anatomy, biomechanics, exercise physiology, team games and motor skill learning using an applied learning context. You will have the opportunity to take a range of the standards listed above in a personalised learning programme at the discretion of the Head of Health and Physical Education.

Vocational Pathway: Primary Industries, Social and Community Services, Services Industries.

This course can lead to: Level 2 course; Careers as a Teacher, Nurse, Personal Trainer, Group Fitness Instructor, Army, Navy, Police, Ambulance Officer, Coach, Physiotherapist, Health Sciences, and Trainer.

For more information, please see Head of Health & PE, Mr Bridgland.

Course Title: Outdoor Education L1

Pre-Requisites: HoD Approval

Course Costs: \$200

Std No	Standard Title	Type of Assessment	Credits
US425	Participate in a day tramp	Internally assessed	2
US426	Participate in an overnight camp	Internally assessed	2
US20137	Demonstrate mountain biking on grade 1 terrain	Internally assessed	2
US32834	Demonstrate introductory knowledge of weather, the Land Safety Code, and maps in the outdoors	Internally assessed	3
US32837	Demonstrate knowledge of introductory preparation for an outdoor activity	Internally assessed	2
US32842	Demonstrate personal awareness and positive behaviour during a group outdoor activity	Internally assessed	3

Course Highlights: Outdoor Education offers a range of outdoor activities, potentially including mountain biking at Redwoods in Rotorua.

Vocational Pathway: Social and Community Services, Services Industries.

This course can lead to: Level 2 course. Careers in areas such as Outdoors Instructor, Guide and Teacher.

For more information, please see Head of Health & PE, Mr Bridgland.

LANGUAGES

SPANISH, TE REO MĀORI

Course Title Spanish L1

Pre-Requisites Level 1 Spanish is available to Year 11, 12, and 13 students. Preferably have studied Year 9 or Year 10 Spanish, or in consultation with the Teacher of Spanish

Course Costs \$30 Language Perfect Website subscription

Std No	Standard Title	Type of Assessment	Credits
91973	Communicate in Spanish for a chosen purpose	Internally assessed	5
91974	Demonstrate understanding of written Spanish related to everyday contexts	External Exam	5
91975	Demonstrate understanding of Spoken Spanish related to everyday contexts	External Exam	5
Optional			
91972	Interact in Spoken Spanish to share and respond to information, ideas, and opinions	Internally assessed	5

Course Highlights: Spanish is a globally significant language, increasingly important and popular in New Zealand. Its relevance is underscored by New Zealand's growing trade relationships with Latin American countries, where Spanish is the primary language. This course emphasises the development of four key communicative skills: listening, speaking, reading, and writing, within familiar contexts. Students will gain the confidence to actively seek and utilise opportunities to use Spanish. Additionally, the course will explore the diverse cultures of Spanish-speaking countries, enriching students' understanding and appreciation of the language.

Vocational Pathway: Creative Industries, Social and Community Services, Services Industries.

This course can lead to: Level 2 course. AFS Scholarships to live in a Spanish Country, greater job opportunities in: tourism, commerce, diplomacy, teaching, journalism or any career of your choice. Knowing Spanish will also help with learning specialist scientific vocabulary.

For more information, please see Teacher in Charge of Spanish, Ms Gemmell.

Course Title	Te Reo Māori L1
Pre-Requisites	Year 10 Te Reo Māori
Course Costs	Potential trip to Koroneihana, Kapa Haka Festivals, Whare Taonga - \$80 (tbc)

Std No	Standard Title	Type of Assessment	Credits
92092	Te Kōrero mō te ora o te reo i rua i te tau 1970	Internally assessed	5
92093	Te whakapuaki whakaaro i runga i te āta rere o te reo	Internally assessed	5
92094	Te tautohu i ētahi mātāpuna Māori kei roto i te reo	Common Assessment Activity	5
92095	Te whakapuaki whakaaro i runga i te tika haere o te reo	External Exam	5

Course Highlights: This course allows ākonga to explore and identify historical factors that had an impact on the vitality of Te Reo Māori from the perspective of a person who lived through that time. This course will provide the opportunity for students to build their confidence in conversing in the language.

Vocational Pathway: Social and Community Services, Creative Industries, Primary Industries, Service Industries, Construction and Infrastructure.

This course can lead to: Level 2 Te Reo Māori, Iwi Liaison Officer, Lawyer, Cultural Advisor, Doctor, Kaikōrero, Kaikaranga.

For more information, please see Teacher in Charge of Te Reo, Whaea Arleen McLaren.

SOCIAL SCIENCE

GEOGRAPHY, HISTORY

Course Title **Geography L1**

Pre-Requisites None

Course Costs Potential field trip to Tongariro National Park, costs tbc

Std No	Standard Title	Type of Assessment	Credits
91932	Demonstrate understanding of the spatial distribution of phenomena and its impacts within te taiao	Internally assessed	5
91933	Explore te taiao using data	Internally assessed	5
91934	Demonstrate understanding of how natural processes operate within te taiao	Common Assessment Activity	5
91935	Demonstrate understanding of geographic decision making in Aotearoa or the pacific	External Exam	5

Course Highlights: Geography is the study of the natural world and the interconnections within. It teaches students how to look at issues and problems using differing perspectives or viewpoints. It develops an understanding of our local environment and the world and teaches understanding of global issues and concerns.

Students will learn a range of geographic skills throughout the programme, including mapping, graphing, visual and field work skills.

Vocational Pathway: Creative Industries, Primary Industries, Social and Community Services, Services Industries.

This course can lead to: Level 2 and Level 3 Geography, university courses in Earth Science, Geology, Meteorology, Climatology, soil science.

For more information, please see Head of Social Sciences, Miss Halford.

Course Title **History L1**
Pre-Requisites None
Course Costs Potential field trip

Std No	Standard Title	Type of Assessment	Credits
92024	Engage with a variety of primary sources in a historical context	Internally assessed	5
92025	Demonstrate understanding of the significance of a historical context	Internally assessed	5
92027	Demonstrate understanding of perspectives on a historical context	Common Assessment Activity	5
92026	Demonstrate understanding of historical concepts in contexts of significance to Aotearoa New Zealand	External Exam	5

Course Highlights: Students study a range of important historical events and movements in Level 1 History, both individually and as a class. The course will begin by examining the historical significance of the bombing of Hiroshima. Students will then study the civil rights movement in the USA, investigating primary evidence from the time. As a class, they will also learn about the lasting impact of the Waikato Wars.

Level 1 History is an ideal subject for anyone who enjoys learning about the world and the people in it. History is dynamic and exciting. It can spark students' curiosity and imagination in the world around them and make them more aware of how society has been shaped by events of history. This awareness can ensure students go on to improve their future by understanding the past.

Students can learn to perfect the essential skills of critical thinking, essay writing, source analysis, research expertise, historiography, referencing methods, plus many other valuable skills throughout the course.

Vocational Pathway: Creative Industries, Social and Community Services, Service Industries.

This course can lead to: Level 2 and 3 History.

For more information, please see Head of Social Sciences, Miss Halford.

TECHNOLOGY

DIGITAL, DESIGN, FOOD, RESISTANT MATERIALS

Course Title: Digital Technology L1
Pre-Requisites: An interest in how computers work
Course Costs: \$10 Code Avengers account

Std No	Standard Title	Type of Assessment	Credits
92004	Create a computer programme	Internally assessed	5
92005	Develop a digital technologies outcome	Internally assessed	5
92006	Demonstrate understanding of usability in human-computer interfaces	Common Assessment Activity	5
92007	Design a digital technologies outcome	Common Assessment Activity	5

Course Highlights: Students will develop their ability to write computer code to the point that they will be able to write their own basic computer program through an iterative development process. If you like solving puzzles, then this is for you! Student learning will be supported by online learning tool of Code Avengers. Students will be able to implement basic procedures to produce a web outcome using HTML and CSS. During this process they will be developing their understanding of the concepts of computer science.

Vocational Pathway: Manufacturing and Technology, Services Industries, Social and Community Services, Creative Industries.

This course can lead to: Computer Science is a highly significant industry nationally and globally. A career in Computer Science can see you as one of the most sought after employees in the job market. Computer Scientists can work in anything from Architecture, Agriculture and Engineering to Programming, Networking and Web Design or other careers yet to be invented!

For more information, please see Teacher in Charge of Computer Science, Mr Daroux.

Course Title: Design Technology L1

Pre-Requisites: Year 10 Design or Art

Course Costs: Nil

Std No	Standard Title	Type of Assessment	Credits
92000	Generate product or spatial ideas	Internally assessed	5
92001	Use techniques to communicate a design outcome	Internally assessed	5
92002	Develop design ideas informed by consideration of people	Common Assessment Activity	5
92003	Use computer modelling to communicate a design outcome	External Exam	5

Course highlights: No exam. Assessment by folio submission. Computer modelling available. Student selected design topic/project based. Acceleration programme for suitable students. The course is project based to suit student interests, within the influence of the Hauraki Gulf.

Vocational Pathway: Manufacturing and Technology, Construction and Infrastructure, Creative Industries, Primary Industries.

This course can lead to: A wide range of careers. Level 2 course. Year 12 and 13 Design Scholarship.

For more information, please see Head of Technology & Design, Mr Pipe.

Course Title: Food Cookery L1

Pre-Requisites: Nil

Course Costs: \$120

Std No	Standard Title	Type of Assessment	Credits
US21059	Demonstrate knowledge of knife care, use, storage and carrying in the hospitality industry	Internally assessed	2
US15921	Prepare and cook a cake, sponge and a batch of scones in the hospitality industry	Internally assessed	3
US19770	Prepare and present egg and cheese dishes in the hospitality industry	Internally assessed	3
US15901	Prepare and present fruit and veg in the hospitality industry	Internally assessed	4
US15900	Prepare and present meat in the hospitality industry	Internally assessed	4

Course Highlights: Students will learn about and understand the safe use of chosen materials, tools, and equipment whilst producing food for consumption.

Vocational Pathway: Manufacturing and Technology, Construction and Infrastructure, Creative Industries, Services Industries.

This course can lead to: Preparing you for Technology at Level 2.

For more information, please see Teacher in Charge of Food Technology, Mr Rowe.

Course Title: Food Technology L1

Pre-Requisites: Nil

Course Costs: \$105

Std No	Standard Title	Type of Assessment	Credits
92012	Develop a Materials and Processing Technology outcome for an authentic context	Internally assessed	6
92013	Develop a Materials and Processing Technology outcome by transforming, manipulating, or combining different materials	Internally assessed	6
92015	Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome	Common Assessment Activity	4

Course Highlights: Students will learn about and understand the safe use of chosen materials, tools, and equipment whilst developing an outcome, consider the impact of the outcome on the end user(s). Students will be able to understand the importance of manaaki whenua (caring for the land) and manaaki tangata (caring for the people), as well as understanding and using, rangahau (research) to apply sustainable design thinking principles whilst developing and applying practical skills.

Vocational Pathway: Manufacturing and Technology, Construction and Infrastructure, Creative Industries, Services Industries.

This course can lead to: Preparing you for Food Technology at Level 2.

For more information, please see Teacher in Charge of Food Technology, Mr Rowe.

Course Title **Materials and Processing Technology L1**
Pre-Requisites Priority given to students who have completed Y10 Technology
Course Costs \$80

Std No	Standard Title	Type of Assessment	Credits
92012	Develop a Materials and Processing Technology outcome for an authentic context	Internally assessed	6
92013	Develop a Materials and Processing Technology outcome by transforming, manipulating, or combining different materials	Internally assessed	6
92014	Demonstrate understanding of sustainable practices in the development of a Materials and Processing Technology design	Common Assessment Activity	4

Course Highlights: This L1 achievement standard course is offered for students interested in engineering, construction, or product design. Students gain material processing technology skills and knowledge through designing and making a project using a range of sustainable resistant materials such as metal, wood and plastic.

Vocational Pathway: Manufacturing and Technology, Construction and Infrastructure, Primary Industries.

This course can lead to: School based Level 2 Materials Processing Technology course.

For more information, please see Teacher in Charge of Materials Technology, Mr Ashford-Beck.

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**The following teaching staff are available
should you have any questions:**

Y11 Dean

Alidia Ericson aericsson@tacol.nz

Y11 Form Teachers

Aotea – Mr W Stringer wstringer@tacol.nz

Arawa – Ms T Halford thalford@tacol.nz

Tainui – Mr S Pipe spipe@tacol.nz

Tokomaru – Mr A Popoola apopoola@tacol.nz

Whanau Form Teacher

Whaea Arleen amclaren@tacol.nz

Deputy Principal for Senior School

Mr P O'Leary poleary@tacol.nz

NZQA, Te Kura & Special Assessment Conditions

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